



Redo log group의 member 를 추가하여 문제 예방하기

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Redo log group별로 member 의 개수가 2개씩 되도록 생성

1. redo log group이 몇 개인지 확인합니다. - @log_status.sql

```
select group#, status, sequence#, archived
from v$log;
```

- archived ⇒ archiving 됐는지 여부를 알려줌. 즉 archive log file로 쓰였는지 여부!

```
shm SYS > select group#, status, sequence#, archived
from v$log; 2
```

GROUP#	STATUS	SEQUENCE#	ARC
1	INACTIVE	4	YES
2	INACTIVE	5	YES
3	CURRENT	6	NO

```
select group#, status, sequence#, archived
from v$log;
```

```
shm SYS > @log_status
```

GROUP#	STATUS	SEQUENCE#	ARC
1	INACTIVE	4	YES
2	INACTIVE	5	YES
3	CURRENT	6	NO

2. redo log group의 member가 몇 개인지 확인합니다

```
shm SYS >

select group#, members
from v$log;
```

GROUP#	MEMBERS
1	2
2	1
3	1

```
shm SYS > select group#, members
2      from v$log;

GROUP#  MEMBERS
-----  -
1         2
2         1
3         1
```

* group 당 member가 1개 뿐임..! 이렇게 되면 member 하나가 깨지면, DB가 다운되어 올라오지 않아서 다시 깔아야하거나 다른 여러 복잡한 작업이 필요함. ★★★

3. redo log group의 member가 무엇인지 확인합니다.

```
shm SYS >

col member for a50
select group#, member
  from v$logfile;

GROUP# MEMBER
-----
1 /u01/app/oracle/oradata/shm/redo01.log
3 /u01/app/oracle/oradata/shm/redo03.log
2 /u01/app/oracle/oradata/shm/redo02.log
1 /u01/app/oracle/oradata/shm/redo01b.log
```

⇒ 각 그룹의 번호와 member의 번호가 잘 호응되는지 확인하기

```
shm SYS > col member for a50
shm SYS > select group#, member
2      from v$logfile;

GROUP# MEMBER
-----
1 /u01/app/oracle/oradata/shm/redo01.log
3 /u01/app/oracle/oradata/shm/redo03.log
2 /u01/app/oracle/oradata/shm/redo02.log
1 /u01/app/oracle/oradata/shm/redo01b.log
```

4. redo log group의 member를 추가합니다.

▲ 주의 : unique한 이름으로 설정해줘야함.

```
# 2번 group에 member 1개 추가하기
shm SYS >
alter database add logfile member
  '/u01/app/oracle/oradata/shm/redo02b.log' to group 2;
```

```
# 3번 group에 member 1개 추가하기
alter database add logfile member
    '/u01/app/oracle/oradata/shm/redo03b.log' to group 3;
```

```
shm SYS > alter database add logfile member
    '/u01/app/oracle/oradata/shm/redo02b.log' to group 2;

Database altered.

shm SYS >
shm SYS > alter database add logfile member
    '/u01/app/oracle/oradata/shm/redo03b.log' to group 3;

Database altered.
```

5. redo log group의 member가 추가되었는지 확인합니다.

```
shm SYS > select group#, members
2      from v$log;
```

GROUP#	MEMBERS
1	2
2	2
3	2

```
shm SYS >
```

```
col member for a45
```

```
select group#, member
from v$logfile;
```

GROUP#	MEMBER
1	/u01/app/oracle/oradata/shm/redo01.log
3	/u01/app/oracle/oradata/shm/redo03.log
2	/u01/app/oracle/oradata/shm/redo02.log
1	/u01/app/oracle/oradata/shm/redo01b.log
2	/u01/app/oracle/oradata/shm/redo02b.log
3	/u01/app/oracle/oradata/shm/redo03b.log

```
6 rows selected.
```

```

shm SYS > select group#, members
2      from v$log;

  GROUP#  MEMBERS
-----  -
        1         2
        2         2
        3         2

shm SYS >
shm SYS > col member for a45
shm SYS > select group#, member
2      from v$logfile;

  GROUP# MEMBER
-----  -
        1 /u01/app/oracle/oradata/shm/redo01.log
        3 /u01/app/oracle/oradata/shm/redo03.log
        2 /u01/app/oracle/oradata/shm/redo02.log
        1 /u01/app/oracle/oradata/shm/redo01b.log
        2 /u01/app/oracle/oradata/shm/redo02b.log
        3 /u01/app/oracle/oradata/shm/redo03b.log

6 rows selected.

```